



**LAND APPLICATION SITE**

**BURRUS FAMILY**

**ORBFL 1-8**

**ORANGE COUNTY**

**MAPPED**

**AUG 02 2016**

By: DBR

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS

Landowner:

Table 1: Parcels authorized to receive biosolids, water treatment residuals or other industrial sludges

☐ Additional parcels containing Land Application Sites are identified on Supplement A (check if applicable)

☒ The Landowner is the sole owner of the properties identified herein.  
☐ The Landowner is one of multiple owners of the properties identified herein.

1. Notify the purchaser or transferee of the applicable public access and drop management restrictions no later than the date of the property transfer; and
2. Notify the Permittee of the sale within two weeks following property transfer.

Class B biosolids	Water treatment residuals	Food processing waste	Other industrial sludges
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Permittee:

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document/s available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Signature \_\_\_\_\_

PO Box 562 Remington, Virginia 22734  
Mailing Address

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Permittee: Recvc Systems, Inc

County or City: orange

Landowner: Burris Family, LLC

**Landowner Site Management Requirements:**

I, the Landowner, I have received a DEQ Biosolids Fact Sheet that includes information regarding regulations governing the land application of biosolids, the components of biosolids and proper handling and land application of biosolids.

I have also been expressly advised by the Permittee that the site management requirements and site access restrictions identified below must be complied with after biosolids have been applied on my property in order to protect public health, and that I am responsible for the implementation of these practices.

I agree to implement the following site management practices at each site under my ownership following the land application of biosolids at the site:

1. Notification Signs: I will not remove any signs posted by the Permittee for the purpose of identifying my field as a biosolids land application site, unless requested by the Permittee, until at least 30 days after land application at that site is completed.
2. Public Access
  - a. Public access to land with a high potential for public exposure shall be restricted for at least one year following any application of biosolids.
  - b. Public access to land with a low potential for public exposure shall be restricted for at least 30 days following any application of biosolids. No biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols.
  - c. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by DEQ.
3. Crop Restrictions:
  - a. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids.
  - b. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil.
  - c. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation.
  - d. Other food crops and fiber crops shall not be harvested for 30 days after the application of biosolids.
  - e. Feed crops shall not be harvested for 30 days after the application of biosolids (60 days if fed to lactating dairy animals).
4. Livestock Access Restrictions:
 

Following biosolids application to pasture or hayland sites:

  - a. Meat producing livestock shall not be grazed for 30 days.
  - b. Lactating dairy animals shall not be grazed for a minimum of 60 days.
  - c. Other animals shall be restricted from grazing for 30 days.
5. Supplemental commercial fertilizer or manure applications will be coordinated with the biosolids and industrial residuals applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia.
6. Tobacco, because it has been shown to accumulate cadmium, should not be grown on the Landowner's land for three years following the application of biosolids or industrial residuals which bear cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare).

X Burris Family, LLC by [Signature]  
Landowner's Signature

2-23-2016  
Date

X [Signature]  
Farm Operator Signature

3444 Lake Ridge Rd, Ridgecroft, VA  
Mailing Address & Phone Number  
540-261-5746

# FARM DATA SHEET

<b>SITE NAME:</b>	Burrus Family	<b>COUNTY:</b>	Orange
<b>OWNER:</b>	Burrus Family LLC; Lew Burrus Manager	<b>OPERATOR:</b>	James W. Elgin
<b>OWNER'S ADDRESS:</b>	1713 Park Ave. Richmond, VA 23230	<b>OPERATOR'S ADDRESS:</b>	3464 Oak Ridge Road Culpeper, VA 22701
<b>OWNER'S TELEPHONE:</b>	434-284-0299	<b>OPERATOR'S TELEPHONE:</b>	540-661-8726
<b>GENERAL FARM TYPE:</b>	Hay/ Row Crops	<b>CELL PHONE:</b>	-
<b># CATTLE:</b>	None	<b>EMAIL:</b>	-
<b>LAGOON or SLURRY:</b>	None	<b>LATITUDE:</b>	38.218
<b>TOPO QUAD:</b>	Lahore	<b>LONGITUDE:</b>	77.900
<b>COMMENTS:</b>	Please check all fields for rock outcrop and drainage areas prior to field operations.		

BB8

# RECYC SYSTEMS, INC

## FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
ORBFL 1	6.5	OrA Dec.-May	-	-	-	YO 17	TM 48-19	T 710 F 5
ORBFL 2	13.5	Eb Nov.-May OrA Dec.-May OrB2 Dec.-May	-	-	-	YO 17	TM 48-19 TM 48-19A	T 710 F 5
ORBFL 3	8.6	Eb Nov.-May OrA Dec.-May OrB2 Dec.-May	-	-	-	YO 17	TM 48-19A	T 710 F 4
ORBFL 4	30.4	Eb Nov.-May OrA Dec.-May OrB2 Dec.-May	-	-	-	YO 17	TM 48-19 TM 48-19A	T 710 F 6, 7
ORBFL 5	15.5	Eb Nov.-May OrA Dec.-May OrB Dec.-May	-	-	-	YO 17	TM 48-19A	T 710 F 3
ORBFL 6	10.2	Eb Nov.-May OrA Dec.-May OrB Dec.-May	-	-	-	YO 17	TM 48-19A	T 710 F 2
ORBFL 7	12.1	Eb Nov.-May OrA Dec.-May OrB Dec.-May	-	-	-	YO 17	TM 48-19A	T 710 F 1
ORBFL 8	8.2	Eb Nov.-May OrA Dec.-May	-	-	-	YO 17	TM 48-19A	T 710 F 8, 9
TOTAL ACRES IN SITE	105.0							

## Landowner Coordination Form

Signature not required on this page

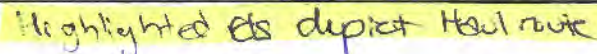
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# MAPS



**Inc.**

A circular diagram with three arrows forming a clockwise cycle. The top arrow is labeled 'PUBLIC', the bottom-right arrow is labeled 'GENERATORS', and the bottom-left arrow is labeled 'FARMERS'.

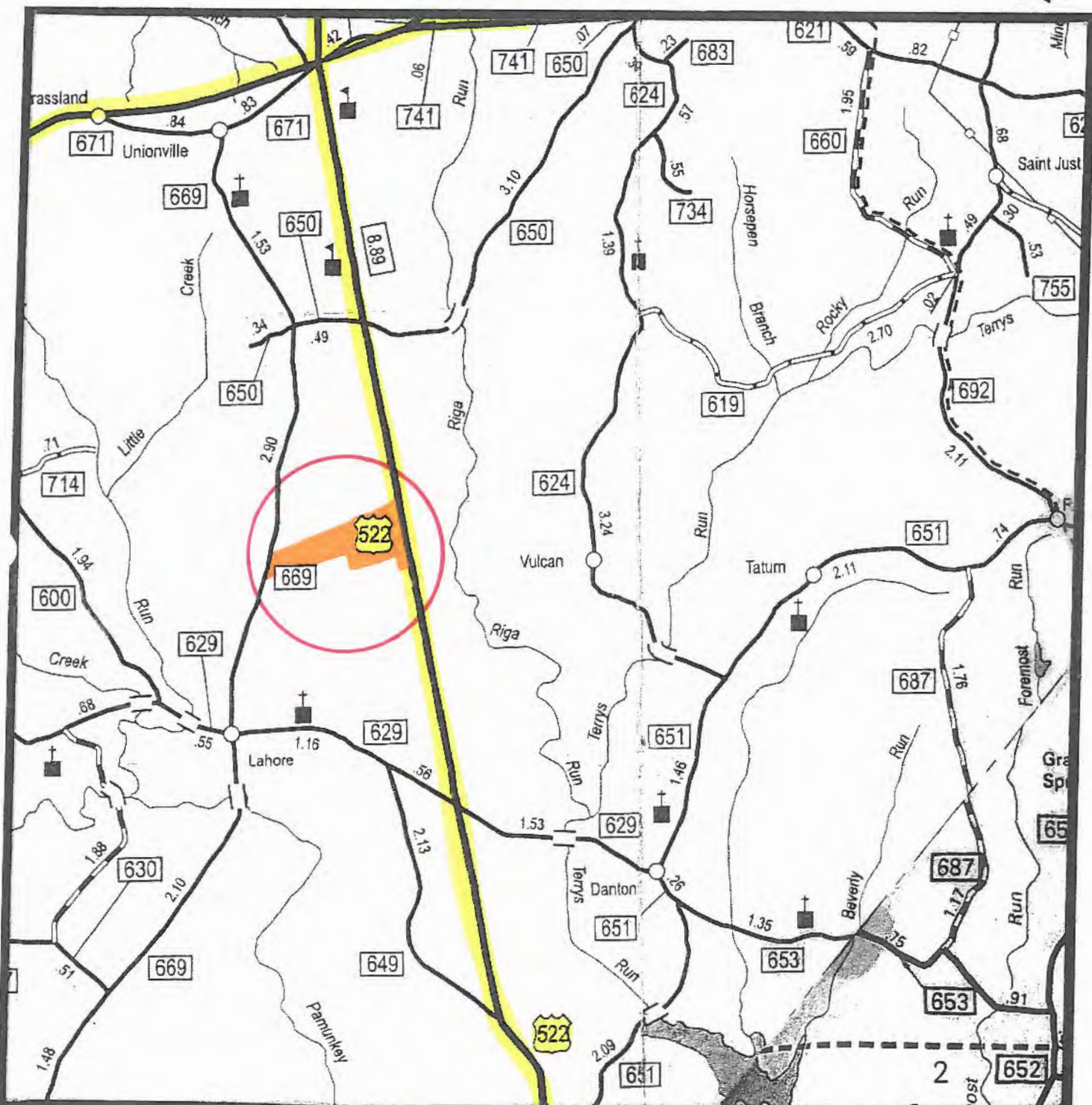


ORBFL 1-8



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 1 mile

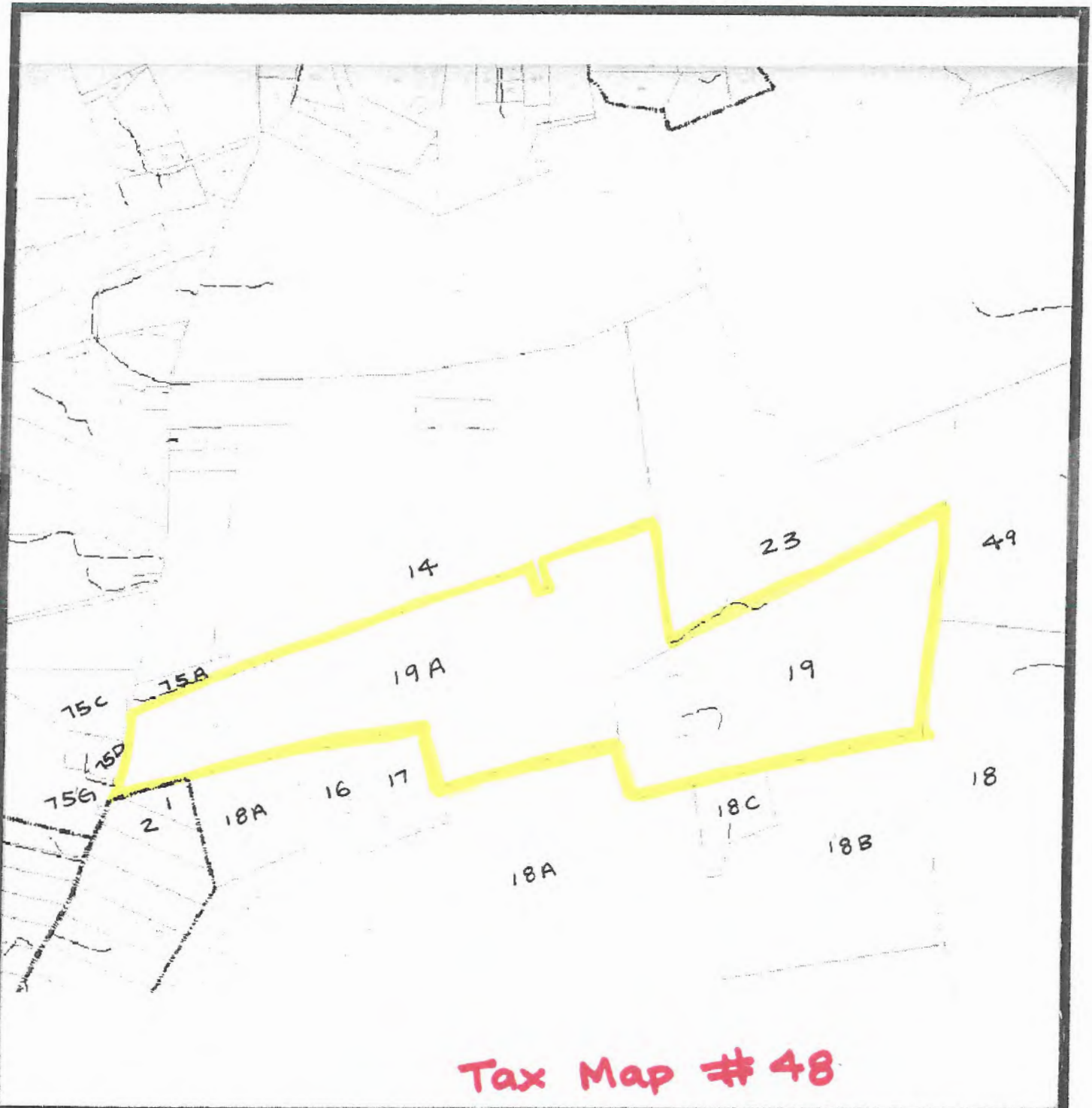
ORBFL 1-8

VICINITY MAP



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** Not to scale

ORBFL 1-8

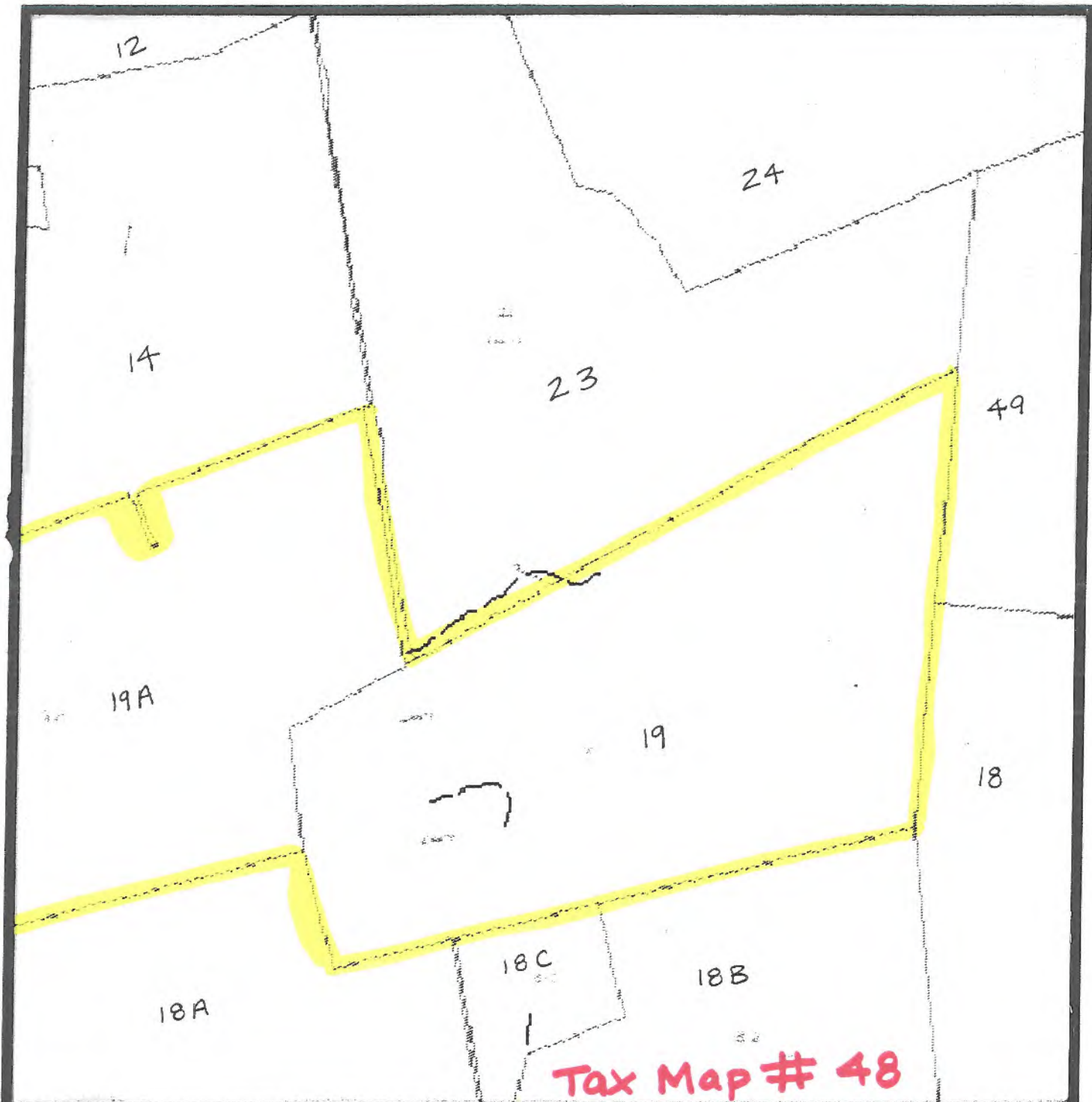
**TAX MAP**





# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1" = 660 ft.

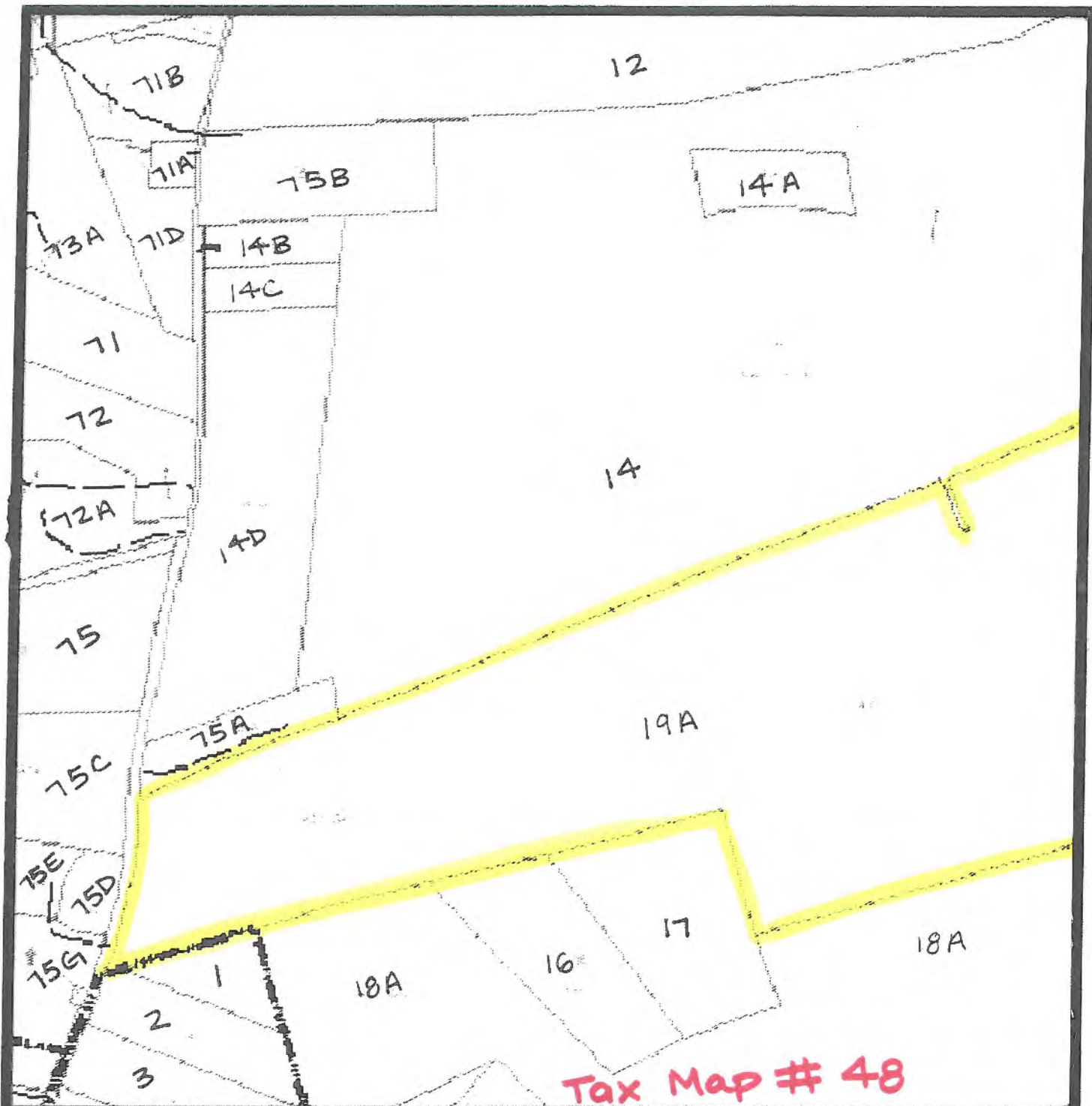
ORBFL 1-4, 8

**TAX MAP**



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1" = 660 ft.

ORBFL 3, 5-7

TAX MAP





# ADJOINING LANDOWNERS

## Burrus Family LLC

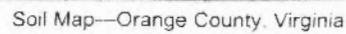
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### ORANGE COUNTY

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Tax Map	Parcel #	Owner Name(s)
47	75A	Ayyaz and Muthahara Mobashar Ali
	75C	Nina Williams-Mbengue
	75D	Hampton University
	75F	Hampton University
47-2	1	Edward and Nancy Connor
	2	Edward and Nancy Connor
48	14	Robert W. and Patricia A. Cockrill
	18	Stephen Teel Goodwin et. als.
	18A	Edward and Nancy Connor
	18B	Martha B. and Wayne Todd Harris
	18C	Joan Moxley
	23	Burrus Family LLC
	49	Ronald L. and Sue E. Burleson

**(Biosolids Land Application)**



ORBFL 1-8

## SOIL MAP





# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



FSN 164 Tract 710  
Burrus Family









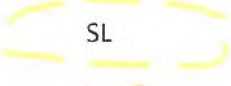


Scale: 1" = 660 ft.

ORBFL 1-8

AERIAL MAP



# Legend For Site Plan

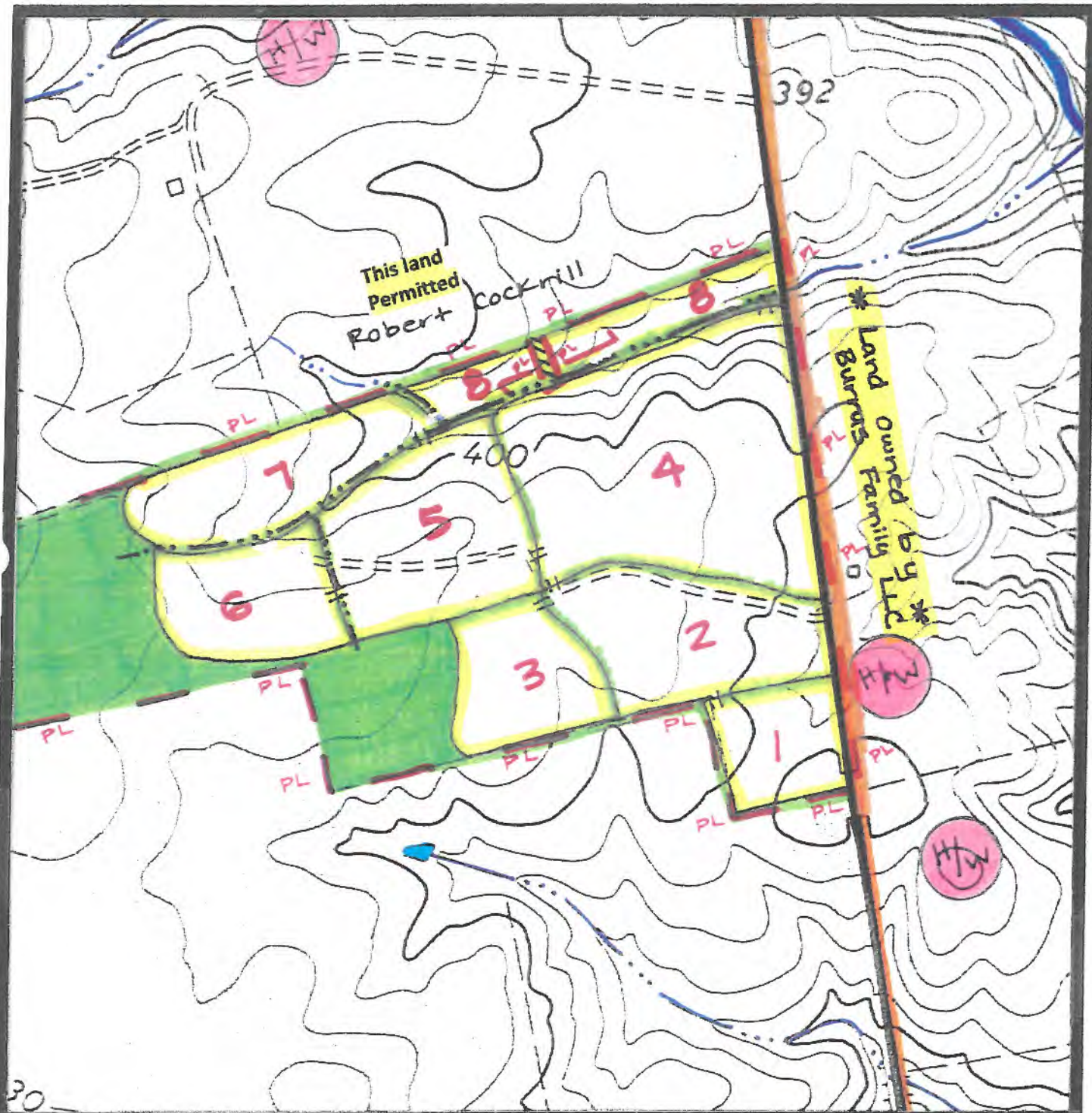
Symbol	Feature	Minimum Setback
	House and Well	200 feet from occupied dwelling * 100 feet from water supply wells or springs
 	Well or Spring	100 feet from water supply wells or springs
	Streams or Surface Water	35 feet with 35 foot vegetated buffer 100 feet without vegetated buffer
	Wet Spot	
	Trees and Woods	
	Private Drive	
	Rock Area/Rock Outcrop	25 feet from rock outcrops 50 feet from limestone rock outcrops
	Severely Eroded Spot	18 Inch minimum depth of soil
	Sink Hole	100 feet from open sinkholes 50 feet from closed sinkholes
	State Road	10 feet from side of roadway
	Fence / Field Boundary	
	Property Line	100 feet from property line *
	Slope	15% maximum
	Frequent Flooded Soil	
	Hashed out Area	No application

\*Buffer can be reduced or waived upon written consent from landowner.



**Inc.**

### (Biosolids Land Application)



### Scale:

$$1'' = 660 \text{ ft.}$$

ORBFL 1-8

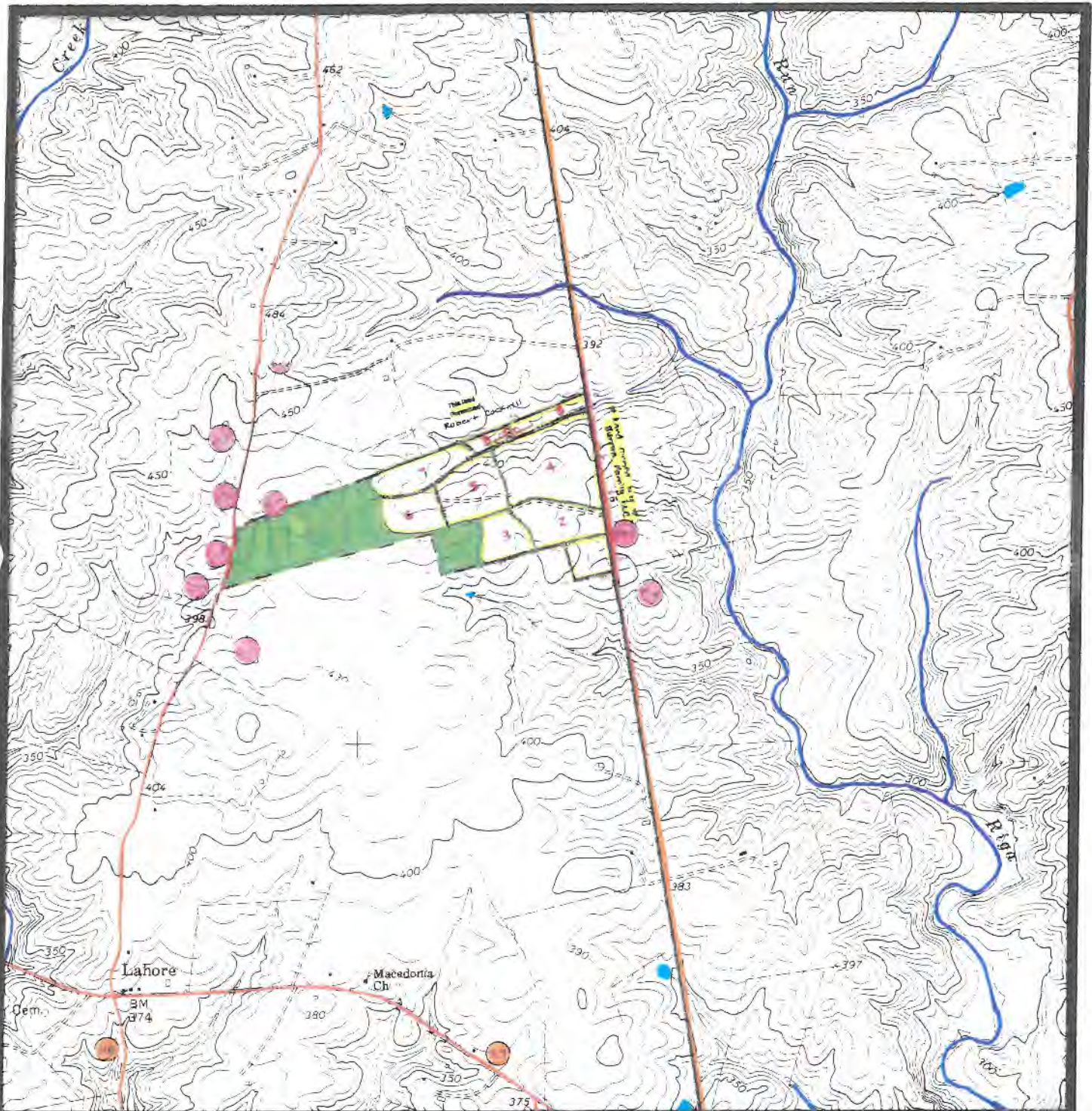
## SITE PLAN

N  
A



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1" = 2000 ft.

ORBFL 1-8

**TOPOGRAPHIC MAP**

